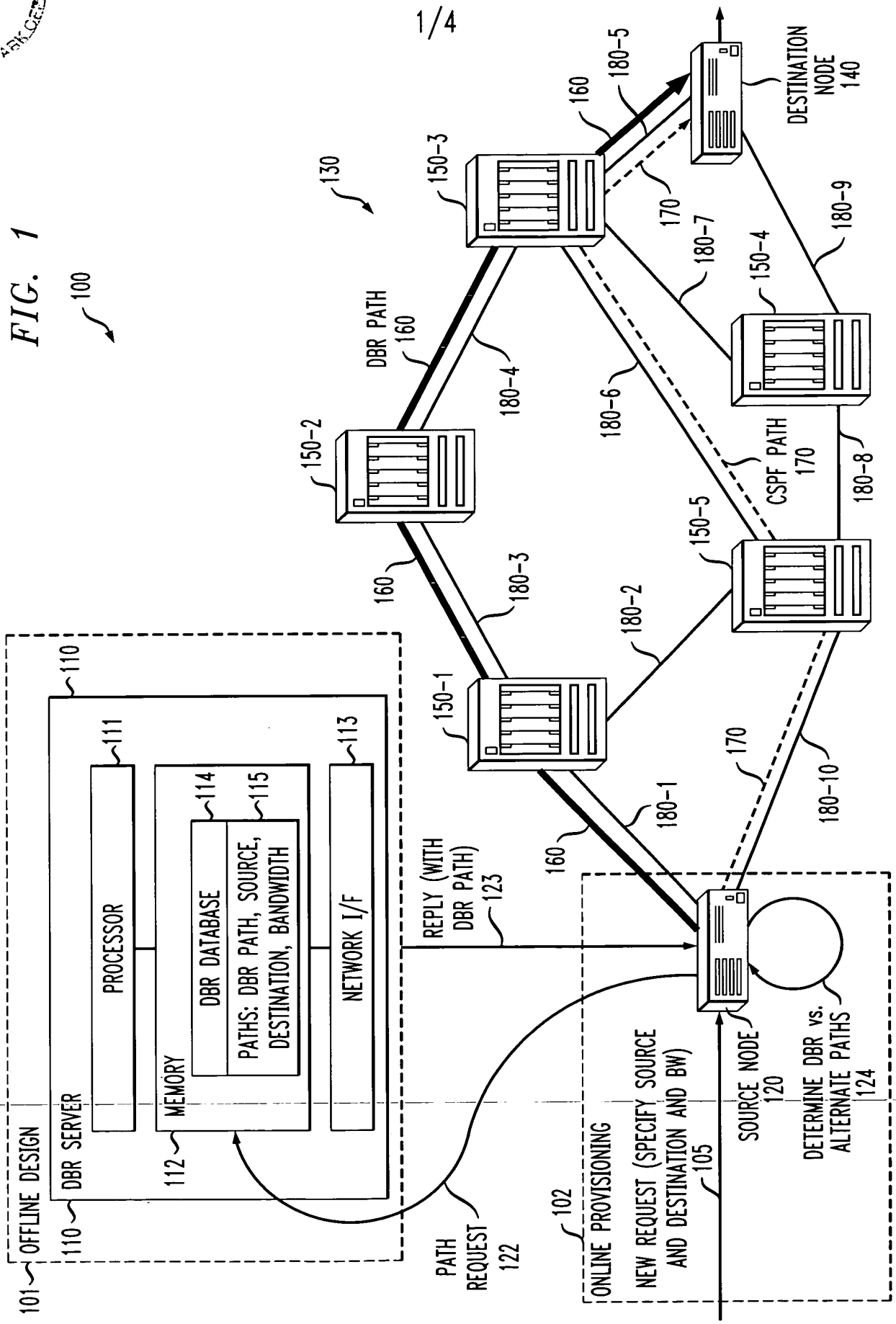
FIG. 1



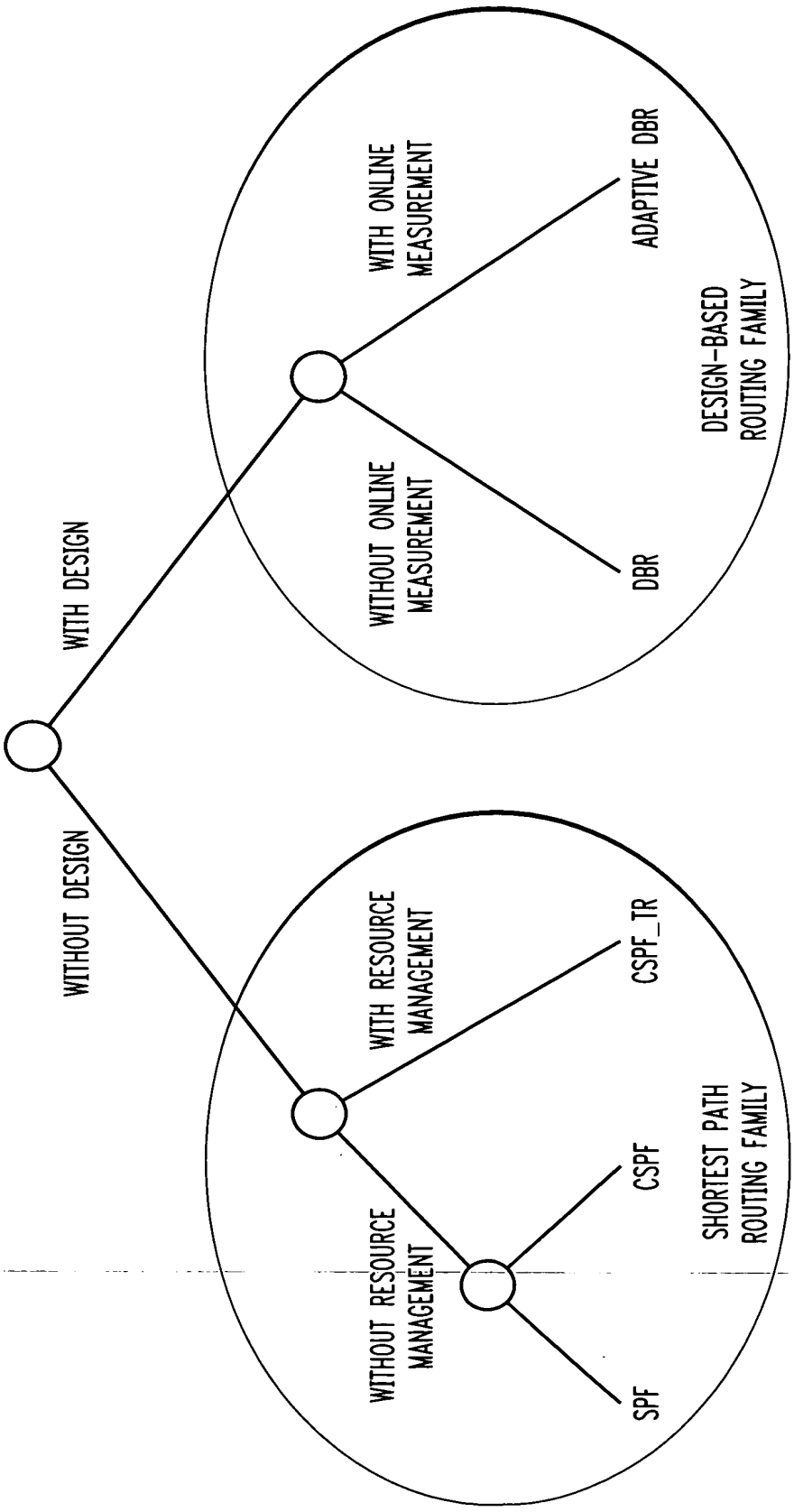


FIG. 2

FIG. 3

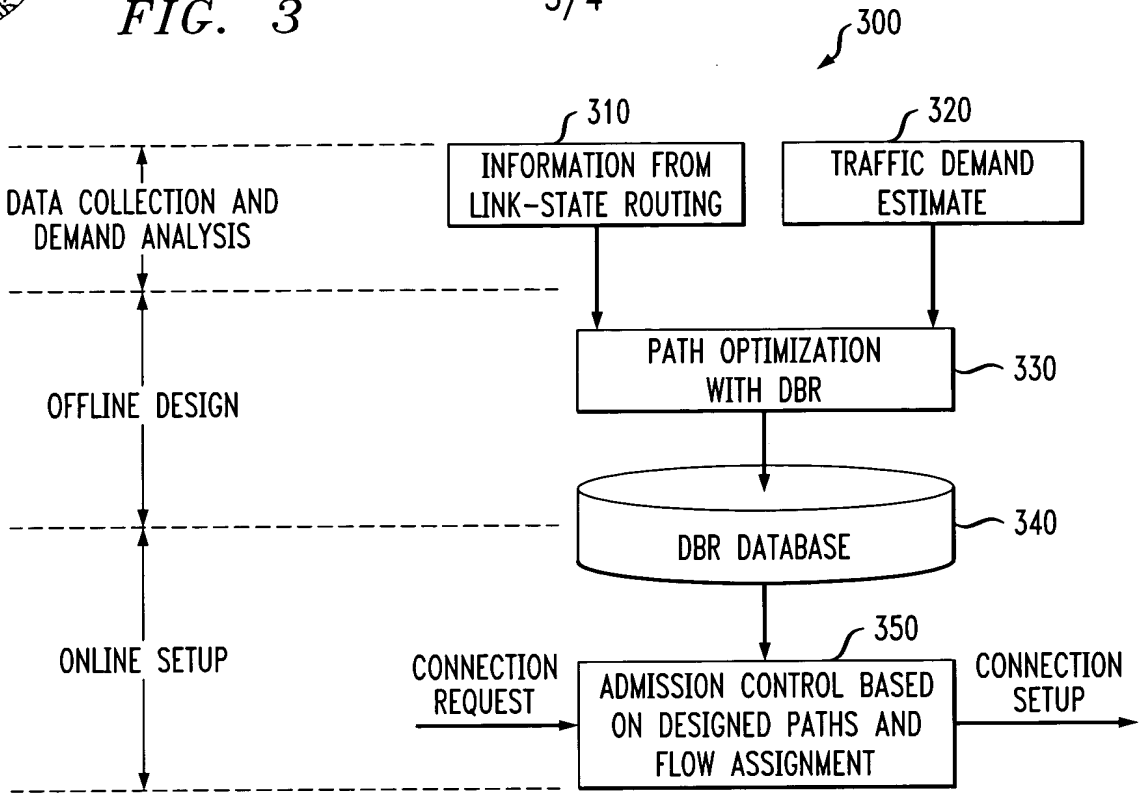


FIG. 4

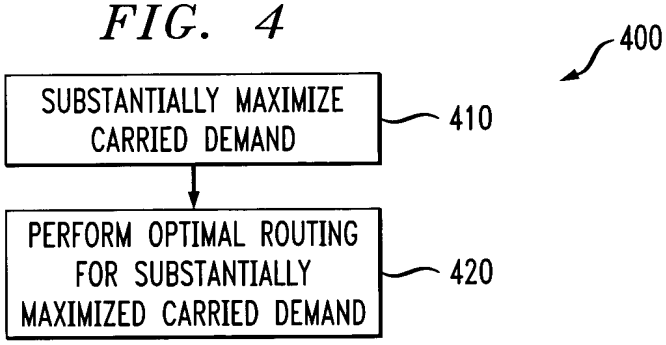


FIG. 5

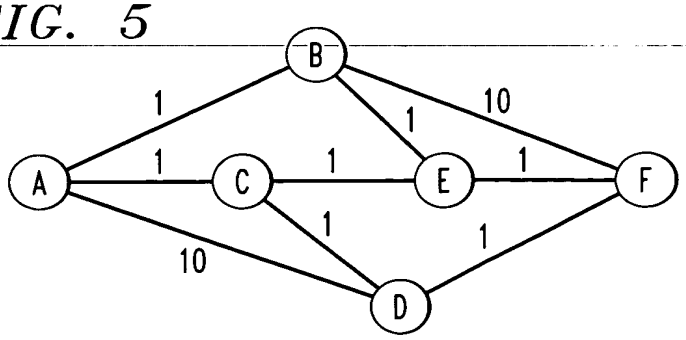


FIG. 6

```
Adaptive DBR:
if v_sd - v̂_sd(t) > 0
      prune with TR=0
      if a DBR path exists
          setup the DBR connection
      else
          prune with TR=r
          compute shortest path on the pruned network
          setup the connection if possible
else
      prune with TR=r
      if a DBR path exists
          setup the DBR connection
      else
          prune with TR=r
          compute shortest path on the pruned network
          setup the connection if possible
```

FIG. 7

```
CSPF_TR:
prune with TR=0
compute shortest path on the pruned network
if the resulting path length = l_min(s, d)
      setup the connection
else
      prune with TR=r
      compute shortest path on the pruned network
      setup the connection if possible
```